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December 21, 2006

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 1645

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
(U.S. Nat'l Phase of Int'l Appl. No. PCT/KR2003/000665;
Int'l Filing Date: April 3, 2003)
Appl. No. 10/551,466; § 371(c) Date: August 7, 2006
For: **Conjugate for Gene Transfer Comprising Oligonucleotide and
Hydrophilic Polymer, Polyelectrolyte Complex Micelles Formed from
the Conjugate, and Methods for Preparation Thereof**
Inventors: JEONG *et al.*
Our Ref: 2236.0180000/JUK/A-L

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement;
2. IDS Form PTO/SB/08A (1 page) citing 5 documents;
3. IDS Form PTO/SB/08B (1 page) citing 3 documents;
4. One (1) copy of Document FP1;
5. One (1) copy each of Documents NPL1-NPL3; and
6. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.


In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
December 21, 2006
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim
Attorney for Applicants
Registration No. 40,679

JUK/A-L/lam
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

JEONG *et al.*

Appl. No.: 10/551,466

(U.S. Nat'l Phase of Int'l Appl. No. PCT/KR2003/000665;
Int'l Filing Date: April 3, 2003)

§ 371(c) Date: August 7, 2006

**For: Conjugate for Gene Transfer Comprising
Oligonucleotide and Hydrophilic Polymer,
Pyelectrolyte Complex Micelles Formed
from the Conjugate, and Methods for
Preparation Thereof**

Confirmation No.: 4435

Art Unit: 1645

Examiner: *To be assigned*

Atty. Docket: 2236.0180000/JUK/A-L

Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying PTO Forms SB/08A and SB/08B are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents **FP1** and **NPL1-NPL3** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached PTO Form SB/08A are submitted.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.


This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Judith U. Kim
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Date: December 21, 2006

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
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Complete if Known

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|------------------------|-----------------------|
| Application Number | 10/551,466 |
| 371(c) Date | August 7, 2006 |
| First Named Inventor | Hi Joon Jeong |
| Art Unit | 1645 |
| Examiner Name | <i>To be assigned</i> |
| Attorney Docket Number | 2236.0180000/JUK/A-L |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. Do NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

| | |
|------------------------|----------------------|
| Application Number | 10/551,466 |
| § 371(c) Date: | August 7, 2006 |
| First Named Inventor | Ji Hoon Jeong |
| Art Unit | 1645 |
| Examiner Name | To be assigned |
| Attorney Docket Number | 2236.0180000/JUK/A-L |

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published | T ² |
|--------------------|-----------------------|--|----------------|
| | NPL1 | FISHER <i>et al.</i> , "Intracellular disposition and metabolism of fluorescently-labeled unmodified and modified oligonucleotides microinjected into mammalian cells," <i>Nucleic Acids Res.</i> 21:3857-3865, Oxford University Press (1993) | |
| | NPL2 | KATAOKA <i>et al.</i> , "Spontaneous formation of polyion complex micelles with narrow distribution from antisense oligonucleotide and cationic block copolymer in physiological saline," <i>Macromolecules</i> 29:8556-8557, American Chemical Society (1996) | |
| | NPL3 | MILLIGAN <i>et al.</i> , "Current concepts in antisense drug design," <i>J. Med. Chem.</i> 36:1923-1937, American Chemical Society (1993) | |
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| Examiner Signature | Date Considered |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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